BURNS DOANE

BURNS DOANE SWECKER & MATHIS LLP ATTORNEYS AT LAW

ALEXANDRIA, VIRGINIA REDWOOD SHORES, CALIFORNIA DURHAM, NORTH CAROLINA **REPLY To:** P.O. B x 1404

Alexandria, Virginia 22313-1404

**TELEPHONE:** +1.703.836.6620

FACSIMILE: +1.703.836.2021 (Group 3)

+1.703.836.0028 (Group 4)

DATE: December 19, 2003

RECIPIENT INFORMATION		SENDER INFORMATION		
То:	Examiner L. Falasco, PhD	From:	Charles F. Wieland III	
Voice Tel. No.:		Voice Tel. No.:		
Fax Tel. No.:	703 746-6524	Sent By:	cfw	
Your Ref.:	Application No. 10/029,961	Our Ref.:	030681-349	
		Total Pages (Inc	d. Cover Page):	3

RE: Affidavit Under 37 CFR 1.131

## **MESSAGE:**

Examiner Falasco,

Thank you for your telephone call of today. Attached please find the Affidavit Under 37 CFR 1.131 that was minuted at page 8 of the Amendment of October 23, 2003. We hope it will be of assistance in your deliberations.

Should you have any questions of comments, please call me at 703, 838-6604.

Very best regards,

Charles F. Wieland #11 Reg. No. 33,096

NOTE: The information contained in this facsimile message is attorney-client privileged and contains confidential information intended only for the use of the person(s) named above and others expressly authorized to receiv it. If you are not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this message is prohibited and you are asked to notify us immediately by telephone and to return this message to us by mail without copying it.

Patent Attorney's Docket No. 030681-349

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re Patent Application of	<b>)</b>
ai-young KIM	) Group Art Unit: 1773
Application No.: 10/029,961	) Examiner: L. Falasco
Filed: December 31, 2001	) Confirmation No.: 5416
For: PERPENDICULAR MAGNETIC	) }
RECORDING DISK	)

## AFFIDAVIT UNDER 37 C.F.R. \$1.131

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

- I, the undersigned, hereby make the following statements:
- Prior to December 28, 2000, I actually reduced to practice the invention claimed in the above-captioned application.
- Specifically, prior to December 28, 2000, I constructed a perpendicular magnetic recording disk including an underlayer between a substrate and a perpendicular magnetic recording layer for inducing perpendicular orientation of the perpendicular magnetic recording layer, and an intermediate soft magnetic layer between the underlayer and the perpendicular magnetic recording layer for forming closed magnetic loops together with the perpendicular magnetic recording layer. The perpendicular magnetic recording layer had a thickness in the range where the ratio of perpendicular coercivity *Hc* to maximum perpendicular coercivity *Ho*

Attorney's Docket N . 030681-349 Application No. 10/029,961 Page 2

decreased with reduced thickness of the perpendicular magnetic recording layer.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: Dec. 11, 2003